

MOLNAR, Ferenc, dr.; GESZTESI, Tamas, dr.; KOVACS, Sandor, dr.

Experiences in polarographic Cl determination. Orv. hetil. 105
no.42:1978-1979 0 18 '64.

1. Tolnamegyei Tanacs Balassa Janos Korhaz, laboratorium, Szekszard
(foorvos: Kovacs Sandor dr.).

PAPP, Karoly, dr.; KOVACS, Sandor, dr.; HORVATH, Rozalia, dr.

Our experiences with polarographic examinations of the blood serum
of tuberculous patients. Tuberkulosis 17 no.3:80-83 Mr '64.

1. A Tolna megyei Tanacs Balassa Janos Korhaza (igazgato: Szentgali
Gyula dr.) Tbc Osztalyanak (foorvos: Papp Karoly dr.) es laborato-
riumanak (foorvos: Kovacs Sandor dr.) kozlemenye.

L 28990-66

ACC NR: AT6019574

SOURCE CODE: HU/2505/65/027/003/0221/0227

AUTHOR: Kovacs, Sandor; Sandor, Attila; Vertes, Zsuzsa; Vertes, Marietta

15
Bx

ORG: Institute of Physiology, Medical University of Pecs (Pecsi Orvostudomanyi Egyetem, Elstani Intezet)

21 22

TITLE: Effect of lesions and stimulation of the amygdala on pituitary-thyroid function

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 27, no. 3, 1965, 221-227

TOPIC TAGS: adrenal gland, cortisone, rat, thyroid gland, biologic metabolism

ABSTRACT: The possible regulatory role of the amygdaloid nucleus in pituitary-thyroid function has been studied in male albino rats. Bilateral electrocoagulation in the amygdaloid nucleus did not influence the I^{131} uptake by the thyroid. In response to electric stimulation, the I^{131} uptake varied with the applied frequency. Following stimulation at 50 c/s, 3 msec pulses, 0.5-1.5 V, the I^{131} uptake showed a marked decrease. The same stimulation failed to produce a decrease in I^{131} uptake after adrenalectomy or cortisone treatment. A considerable increase in I^{131} uptake occurred following stimulation with lower frequencies: 15 c/s, 3 msec pulses, 0.5-1.5 V. Orig. art. has: 7 figures.

[Orig. art. in Eng.] [JPS]

SUB CODE: 06 / SUBM DATE: 08Jul64 / ORIG REF: 006 / OTH REF: 018

Card 1/1 C-L8

L 28985-66

A/C NR: AT6019375

SOURCE CODE: HU/2505/65/027/003/0229/0235

AUTHOR: Vertes, Marietta; Vertes, Zsuzsa; Kovacs, Sandor

OFG: Institute of Physiology, Medical University of Pecs (Pecsi Orvostudomanyi Egyetem, Elettani Intezet) 10
bx1TITLE: Effect of hypothalamic stimulation on pituitary-thyroid function 22

SOURCE: Academia Scientiarum Hungaricae. Acta physiologica, v. 27, no. 3, 1965, 229-235

TOPIC TAGS: rat brain, thyroid gland, hormone, adrenal gland

ABSTRACT: The effect of stimulation, with electrodes placed in certain hypothalamic areas, on pituitary-thyroid function has been studied in male rats. Stimulation with electrodes implanted dorsally in the anterior hypothalamus, immediately in front of the paraventricular nucleus, or a little more caudally at the level of the first third of the paraventricular nucleus at the lateral side of the nucleus, resulted invariably in a considerable increase in I^{131} uptake by the thyroid. Following stimulation with electrodes placed more caudally, at the frontal level of the dorsomedial nucleus, a decrease in I^{131} uptake by the thyroid was observed. Following adrenalectomy, the same kind of stimulation resulted in an inverse change in I^{131} uptake, i.e., instead of a decrease, a considerable increase occurred. Orig. art. has: 5 figures. [Orig. art. in Eng.] [JPS]

SUB CODE: 06 / SUBM DATE: 13Jul64 / ORIG REF: 007 / UMH REF: 024
Cord 1/1 131 G

KOVACS, Sandor, SANDOR, Attila, VERTES, Zsuzsa, VERTES, Marietta; Medical University of Pecs, Institute of Physiology (Pecsi Orvostudomanyi Egyetem, Elettani Intezet).

APPROVED FOR RELEASE: 06/14/2000 CIA RDP86-00513R000825510010-9"
Function."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXX, No 1, 1966, pages 39-45.

Abstract: [English article, authors' English summary modified] The effect of stimulation of the habenular nucleus on pituitary-thyroid function has been studied in male albino rats. In response to stimulation with implanted, deep electrodes, thyroid I^{131} uptake varied with the frequency used. A considerable lowering of the I^{131} uptake was invariably observed at a frequency of 50 c/s (0.5-1.5 V, 3 msec pulses for 10 min). The decrease in I^{131} uptake in response to stimulation did not take place after adrenalectomy or cortisone treatment. A significant increase in I^{131} uptake was induced by stimulation at a lower frequency (15 c/s, 0.5-1.5 V, 3 msec pulses for 10 min). 5 Hungarian, 6 Western references. [Manuscript received 7 Aug 65.]

1/1

- 58 -

HUNGARY

VERTES, Marietta, KOVACS, Sandor, LELKES, Jozsef, VARSA, Ferenc; Medical University of Pecs, Institute of Physiology (Pecsi Orvostudomanyi Egyetem, Elettani Intezet).

L 43014-66

ACC NR: A16031824

SOURCE CODE: HU/2505/65/026/003/0227/0233
40
B+1

AUTHOR: Kovacs, Sandor--Kovach, Sh.; Vertes, Zsuzsa--Vertesh, Zh.; Sandor, Attila--
Shandor, A.; Vertes, Varietta--Vertesh, M.

ORG: Institute of Physiology, Medical University of Pecs, Pecs (Pecsi Orvostudomanyi
Egyetem, Elettani Intezet)

TITLE: Effect of mesencephalic lesions and stimulation of pituitary-thyroid function

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 3, 1965,
227-233

TOPIC TAGS: radioisotope, iodine, rat, brain, thyroid gland, endocrinology, cortisone

ABSTRACT: It has been shown by experiments on male albino rats that bilateral electrocoagulation in the mesencephalic reticular formation results in a considerable increase in thyroid I¹³¹ uptake. On stimulation of the same site with implanted deep electrodes, the I¹³¹ uptake decreases considerably. The decrease in I¹³¹ uptake as a result of stimulation was present in adrenalectomized as well as cortisone-treated animals. Following stimulation, the rate of I¹³¹ release by the thyroid also decreases. Orig. art. has: 6 figures. [Orig. art. in Eng.]
[JPRS]

SUB CODE: 06 / SUBM DATE: 18Dec63 / ORIG REF: 004 / OTH REF: 018

Cord 1/1 MLP

GECOK, Peter, dr.; GAGO, Gizella, dr.; KOVACS, Sandor, dr.

Immune fluorescent tests and their significance in the control
of dyspepsia coli. Orv. hetil. 106 no.25s1171-1172 20 Je '65.

1. Magyar Nephadsereg, Egeszsegugyi Szolgálat es Tolna megyei
Tanacs, Falassa Janos Korhaz.

KOVACS, J.Sandor

"Doklady Akademii pedagogicheskikh nauk RSFSR," nos.1-2, 1962.
Magy pszichol szemle 21 no.2:314-316 '64.

GELLERT, Jozsef; KOVACS, Sandor; MOLNAR, Ferenc

Parallelly conducted biological and polarographical
cancer-serodiagnostic tests. *Annales biol Tihany* 30:
3-14 '63.

1. Tihany, Biologisches Forschungsinstitut and Balassa
Janos-Spital, Szekszard, Centrallaboratorium. 2. Editorial
board member, "Annales Instituti Biologicici (Tihany) Hungaricae
Academiae Scientiarum" (for Gellert).

KOVACS, Sandor

Construction problems of transistor stabilised supply units. Hir
techn 15 no.7:216-220 Jl '64.

KOVACS, Sandor J.; SALAMON, Jenone

"Deklady Akademii pedagogicheskikh nauk RSFSR", no.3, 1960;
a periodical review by Sandor J. Kovacs, Mrs. Jeno Salamon,
Magy pszichol szemle 20 no.1:170-171 '63.

CZIRNER, Jozsef, dr.; KOVACS, Sandrone, dr.; VARGA, Ferenc, dr.

Data on the diagnosis of pheochromocytoma. Magy. Belorv. arch. 15
no.1:6-9 Fe '62.

1. A Pesci Orvostudomanyi Egyetem II. sz. Belklinikajának (igazgató:
Hamori Artur dr. egyetemi tanár) Korbonctani Intézeténél (igazgató:
Romhányi György dr. egyetemi tanár) és Gyorgyszertani Intézeténél
(igazgató: Mehes Gyula dr. egyetemi tanár) közleménye.
(PHEOCHROMOCYTOMA diag)

KRISTIAN, Pavel, inz., CSc.; ANTOS, Kamil, doc., inz., CSc.; KOVAC, Stefan, doc., dr. inz., CSc.

Isothiocyanates. Pt.12. Chem zvesti 17 no.10/11:747-756 '63.

1. Katedra organickej chemie, Slovenska vysoka skola technicka,
Bratislava, Kollarovo namesti 2.

KOVACS, S.; DUMITRESCU, A.; ELEFFERESCU, M.

On the problem of determining the dynamics of power consumption. In
Russian. p. 271.

REVUE D'ELECTROTECHNIQUE ET D'ENERGETIQUE. JOURNAL OF ELECTROTECHNICS AND
ENERGETICS. (Academia Republicii Populare Romine. Institutul de Energetica)
Bucuresti, Rumania
Vol. 3, no. 2, 1958.

Monthly List of Eastern European Accession Index (EEAI) LC vol. 6, No. 11
November 1959
Uncl.

KOVACS 55.

KURANIS

Producing contact parts for electric circuits by fritting.
A. Domica, G. Müller, T. Bereczky, S. Kovács, and H.-
C. Colan (Polytech. Inst., Cluj, Romania); Head, rep.
populare Române, Studii cercetări mec. 3, 491-503 (1959).—
Parts for elec. circuit breakers were prepared from W
powders which were fritted in a H atm, and were then im-
regnated with either Cu or Ag. The W-Ag parts are more
compact and show a lower resistance under service conditions;
The W-Cu parts are harder, and stand up well under high
pressures. Such parts are prep'd. from pure W alone by
heating at high frequencies at 200-2500°. The electrical
erosion of these parts is reported. Werner Jacobson

6

KOVACS, S.

TECHNOLOGY

PERIODICAL: MERES ES AUTOMATIKA, Vol. 6, no. 7/8, 1958

Kovacs, S. Hungarian instruments at the world exhibition. p. 239.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

KOVACS, S.; DUMITRESCU, A.; ELEFTERESCU, M.

Contribution to the establishment of the rate of consumption of thermal and electric power. p. 183

Academie Republicii Populare Romine. Institutul de Energetica,
STUDII SI CERCETARI DE ENERGETICA. Bucuresti, Rumania. Vol. 8
no. 2, 1958

Monthly List of East European Accessions (EEAI) IC, Vol. 8, no. 7
July, 1959.

Uncl.

NOVAC 51

PLEASE I BORN EXPLANATION

MP/278

GDR, Germany. Institut für Politik

Lund University (Swedish Notes) May, International Poligraphy, 1972.
67 p., Brno, 1972. Printed No. or copies printed not given. ToPURPOSE: This book is intended for mathematicians, physicists, chemists, and
civil and mechanical engineers.CONTENTS: The book consists of 29 papers by Russian specialists on problems in
metallurgy, particularly in chemistry, physics, chemistry,
French or German are given at the end of each article. Some of the articles
are accompanied by references. No personalities are mentioned. At the back
there are 23 references, all Russian.

NAME OF SOURCE:

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KOVACS, S. ; DUMITRESCU, A. ; ELEFTERESCU, M.

Determination of the amount of power necessary for the long-term plan,
based on specific power-consumption dynamics. p. 49.

ENERGETICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din
Romania si Ministerul Energiei Electrice si Industrial Electrotehnice)
Bucuresti, Rumania, Vol. 7, no. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

ELEFTERESCU, M.; KOVACH, St.; NAGY, Cs.; DUMITRESCU, A.

Some problems in the establishment of a general power balance. Studii cerc energet 11 no. 3:421-429 '61.

DUMITRESCU, Adrian, ing.; ELEFTERESCU, Marius, ing.; KOVACS, Stefan, ing.

Determining power consumption in iron metallurgy. Metalurgia constr mas 14 no.1:14-25 Ja '62.

1. Institutul de studii, cercetari si proiectari tehnologice pentru industria constructoare de masini utilaje si industria electrotehnica (for Dumitrescu). 2. Institutul de energetica al Academiei R.P.R. (for Eledterescu and Kovacs).

SIMON, A.; KOVACS, St.; KELEMEN, A.

Transistorized automatic installation for program regulating of thermal conditions of thermal treatment furnaces. Bul stiint polit Cluj 6:349-354 '63.

ELEFTERESCU, M.; KOVACS, St.; TRANDAFIRESCU, G.

Fuel and electric power transport systems. Rev electrotechn energet
9 no.3:349-356 '64

SZOOR, A.; KOVER, A.; KOVACS, T.

Studies of the specificity of muscle cholinesterases. Acta physiol. acad. sci. Hung. 24 no. 2, 165-169 '63.

1. Institute of Physiology, Medical University, Debrecen.

L 15522-66 EWA(j)/EWA(b)-2 RO

ACC NR: AT6007387

SOURCE CODE: HU/2505/65/026/00X/0016/001

44

AUTHOR: Kovacs, T.; Gulyas, P.; Szatmary, G.

42

ORG: Institute of Physiology, Medical University of Debrecen (Debreceni
Orvostudomanyi Egyetem, Elettani Intezet)

031

TITLE: Effect of tertiary and quaternary nitrogen compounds on the potassium contraction of tonic and tetanic muscles [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July, 1964.]

SOURCE: Academia scientiarum hungaricae, Acta physiologica, v. 26, Supplement, 1965, 16

TOPIC TAGS: muscle physiology, potassium, pharmacology, drug effect, sodium, experiment animal, organic nitrogen compound

ABSTRACT: Literature data indicate that in Ringer's solutions of low K⁺ and high Na⁺ concentrations, the K⁺ content of the frog muscle decreases and its Na⁺ content increases. The change is accompanied by hyperpolarization. It was shown in earlier experiments that the Na⁺ uptake and K⁺ loss was inhibited by physostigmine, prostigmine,

Card 1/2

1 15522-66

ACC NR: AT6007381

6
1 DFP and d-tubocurarine while it was increased by decamethonium. In the present study, the mode of influence by the above compounds on the contraction evoked by K⁺-depolarization has been investigated. It was found that physostigmine, at a 1 mM concentration, diminished the K⁺-contraction of tetanic muscles by 40-50 per cent and that of tonic muscles by 20-25 per cent. At low concentrations (0.001-0.1 mM), a contraction of tonic muscles was caused by decamethonium, the intensity of which increased with increase in drug concentration. At higher concentration of the drug (1.0-10 mM), the intensity of contractions decreased with increase in concentration. High concentrations of decamethonium definitely inhibited K⁺-contraction. No contraction, only marked inhibition was caused in tetanic muscles. [JPRS]

SUB CODE: 06 / SUBM DATE: none

CC
Card 2/2

KOVACS, Tamasne

"Optimum size and territorial placement of new industrial plants" by Vaclav Kluson. Reviewed by Mrs. Tamas Kovacs.
Stat szemle 41 no.1:102-103 Ja '63.

KOVACS, Tamasne

"Questions relating to the electrification of agriculture" by
Budzko, Surov. Reviewed by Mrs. Tamas Kovacs. Villamossag 11
no.10:316-317 0 '63.

KOVACS, Tamasne

"Calculating labor productivity plans by mathematical methods" by V. Hajkin. Reviewed by Mrs. Tamas Kovacs.
Stat szemle 41 no.4:436-437 Ap '63.

KOVACS, Tibor

Population censuses between 1804 and 1830. Stat example 42
no.11:1098-1102 N '64.

1. Head, Vas County Directorate of the Central Statistical
Office.

KOVACS T., KISS E., and HENTENYI E.

Physiol. Inst., med. Univ., Debrecen. *Über den Regulationsmechanismus des Trombingehaltes im Blute nach schmerzauslösenden Reizen. Mechanism of regulations of the thrombin content of the blood after painful stimuli ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/suppl. (86)

SO: EXCERPTA MEDICA # Section II, Vol. 7, No. 10

KOVACS,

Depressant and reverse action of adrenalin on the perfused rabbit heart. I. Went, B., Szasz, and A. P. Pálmai. Acta Physiol. Acad. Sci. Hung. 55(1984).—Adrenalin (I) first stimulated and then depressed the isolated, perfused rabbit heart. Atropine prevented the stimulating effect of I and allowed the reversed depressant effect to occur. Atropine inhibited only the depressant effect of I. Since the perfusate obtained during the depressant phase elicited an acetylcholine-like effect on the frog heart, the reversed effect of I was attributed to the release of acetylcholine.

the perf.
Kovacs
S. Hahn.

KOVACS, TIBOR

WENT, Istvan; SZUGS, Erno; KOVACS, Tibor

Study of two-phase and reversed effect of adrenaline on isolated mammal heart preparations. Kiserletes orvostud. 6 no.4:341-348 July 54.

1. Debreceni Orvostudomani Egyetem Mletani Intezete.
(EPINEPHRINE, eff.
on isolated rabbit heart)
(HEART, eff. of drugs on
epinephrine in rabbits)

KOVACS, T.

"Orthopedic Innovation: Suturing Hand and Foot Digits." p. 7
"Successful Fight by Innovators Against Tuberculosis." p. 8
"New Kossuth Prize Winner; The Man Responsible for the Production of Streptomycin."
p. 8
"Humidifying the Air in Hospital Wards." p. 9
(Ujito Lapja. Vol. 6, no. 7, Apr. 1954 Budapest.)

SO: Monthly List of East European Accessions / Library of Congress, Vol. 3, no. 6, June 1954, Ur. 1.

WENT, I; SZUCS, E; KOVACS, T.

Diphasic and reversed actions of adrenalin on mammal heart preparations exposed to artificial perfusion. Acta physiol. polon. 6 no.3:245-250 1955.

1. Z Zakladu Fizjologii Uniwersytetu Medycznego w Debreczynie.
(EPINEPHRINE, effects,
on heart, diphasic & reversed actions in mammal heart
prep. after artif. perfusion)
(HEART, effect of drugs on,
epinephrine, diphasic & reversed actions in mammal
heart prep. after artif. perfusion)

EXCERPTA MEDICA Sec.2 Vol.9/11 Physiology,etc. Nov56

5243. KOVÁCS T., MOLNÁR G. and SURÁNYI S. Univ. -Frauenklin., Debrecen.
*Die Rolle interozeptiver Reflexe in der Koordinierung der Geburt. II. Ex-
perimentelle Untersuchungen über die durch Zervixdehnung ausgelöste re-
flektorische Steigerung der Uterustätigkeit. Role of interoceptive
reflexes in the coordination of parturition. II. Experi-
mental study of reflex increase of uterine activity on
stretching of the cervix Z. GEBURTSH. GYNAEK. 1956, 145/2 (179-
186) Graphs 4

The reaction of the uterus to stretching of the cervix was studied on pregnant and recently-delivered rabbits. Infiltration of one uterine horn (divided from the other one) with 8-12 ml. of 4% procaine solution caused abolition of this reaction. Transsection of the spinal cord at T. 10, performed some days before the parturition, did not suppress this reaction in 80% of cases; on the other hand removal of the lumbar part of the spinal cord completely abolished it. It is concluded that the reaction of the uterus to stretching of the cervix represents an interoceptive reflex, the centre of which is located in the lumbar part of the spinal cord.

Wyrwicka - L6d2

KOVACS, T.; KOVARI, A.

Changes of cholinesterase activity of cross-striated muscles after motor denervation. Acta physiol. hung. 11(Suppl):14-15 1957.

I. Physiologisches Institut der Medizinischen Universitat, Debrecen.
(MUSCLES, physiol.

eff. of motor denervation on cholinesterase activity in
cross-striated musc. (Ger))
(CHOLINESTERASE
in cross-striated musc., eff. of motor denervation
on activity (Ger))

KUVACS, T.

KOVER, A.; KOVACS, T.

Specificity of myosin-cholinesterase. Acta physiol. hung. 11(Suppl):
16-17 1957.

1. Physiologisches Institut der Medizinischen Universitat, Debrecen.
(CHOLINESTERASE)

myosin-cholinesterase inhibitors & specificity (Ger))
(MUSCLE PROTEINS, metab.
same)

HUNGARY/Human and Animal Physiology - Metabolism. Ferments.

T-1

Abs Jour : Ref' Zhur - Biol., No 18, 1958, 83947

Author : Varga, E., Kover, A., Kovacs, T., Hetenyi, E.

Inst : Hungarian Academy of Sciences. *Inst. Physiology, Med. Univ.,
Budapest*

Title : Changes of Cholinesterase Activity in Striated Muscles
after Denervation.

Orig Pub : Acta physiol. Acad. sci. hung., 1957, 11, No 3-4, 235-242

Abstract : At various times after unilateral severance of sciatic nerves in dogs and rabbits, quantity of myosin, activity (Λ) of myosin-choline-sterase (I), i.e., ability of myosin to hydrolyze acetylcholin into the sum total of Λ cholinesterase (II) of muscles, were determined in intact and denervated gastrocnemius muscles. According to the difference between the last two measurements, Λ of true cholinesterase (III) was inferred. It was shown that it is

Card 1/2

COUNTRY	:	Hungary	B-4
CATEGORY	:		
ABSTRACT JOUR.	:	RZBiol., No. / 1950, No. 281	
AUTHOR	:	Varga, E.; Kover, A.; Kovacs, T.; Hetenyi, E.	
INST.	:	Hungarian Academy of Sciences	
TITLE	:	Changes in the Acetylcholine-Sensitivity and Cholinesterase Activity of Skeletal Muscles in the Course of Ontogenesis.	
ORIG. PUB.	:	Acta physiol. Acad. sci. hung., 1957, 11, No 3-4, 243-251	
ABSTRACT	:	During the first days of postembryonic life the activity of acetyl-cholinesterase (I) of striated skeletal muscles of rabbit is considerably increased, reaching a maximum by the 7th day, after which it drops gradually, although on the 46th day it exceeds by about 3 times the norm which has been determined in adult animals. Relatively lesser changes are exhibited by the myosin-cholinesterase (II); its activity exceeds by about 3 times the norm during the first days following birth, it reaches a relatively constant level, without a sharply manifested maximum, then decreases gradually. However, on the 46th day it still exceeds the norm. Total activity of	
CARD:	1/7		
<i>+ Inst. of Physiolog., Medical Univ. Belgrade 19</i>			

COUNTRY : India
CATEGORY :

ABS. JOUR. : RZBiol., No. / 1959, No. 281

AUTHOR :
INST. :
:

ORIG. PUB. :

ABSTRACT : cholinesterase (III) is determined mostly by activity of I; it is maximal during the first days after birth, then drops rapidly, but by the 46th day it still exceeds the norm by about 150%. Changes in activity of II are due to change in myosin content. Sensitivity of muscle to acetyl-choline is maximal during the first days after birth and then decreases gradually; its maximum coincides with the maximum of activity of II, and at the time of maximum activity of I and III it is usually decreasing. An inverse correlation is noted between activity of III and the ATP-ase activity of muscles.

V. N. Dorfman.

CARD: 2/2

KOVÁR, A.; KOVACS, T.; KONIG, T.

On the properties of myosin cholinesterase. Acta physiol. hung. 11
no.3-4:253-258 1957.

1. Institute of Physiology, Medical University, Debrecen and Institute
of Biochemistry, Medical University, Budapest.

(MUSCLE PROTEINS

myosin cholinesterase, identity with L-meromyosin &
properties)

(CHOLINESTERASE

same)

K EXCERPTA MEDICA Sec.2 Vol.11/4 Phycio-biocchem-pharm Apr58
K Kovács

1494. ON THE SPECIFICITY OF MYOSINCHOLINESTERASE - Kovér A. and Kovács T. Inst. of Physiol., Med. Univ., Debrecen - ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1957, 11/3-4 (259-265) Graphs 3

Myosin-ChE from heart muscle splits benzoylcholine at a lower rate than ACh. Methacholine is split at a still lower rate. Hydrolysis of butyrylcholine exceeds that of ACh. Myosin-ChE from heart muscle hydrolyses methacholine, ACh and acetylthiocholine at the same rate, but does not hydrolyse benzoylcholine at all. Maximal butyrylcholine hydrolysis occurs at the same rate as maximal ACh hydrolysis. The action of 17 different inhibitors on the 2 cholinesterases revealed no differences.

KOVACS, Tibor, dr.

Enzymic proteolysis in chronic inflammation of the periuterine connective tissue and the adnexa uteri. Magy. noorv. lap. 20 no.1:54-58 Feb 57.

1. A Pestmegyei Tanacs Semmelweis Korhaza (igazgato:
Puskar, Elemer, dr.) szuleaszeti es nogyogyassati osztalyanak
(foorvos: Schilling, Bela, dr.) kosleménye.

(ADNEKA UTERI, dis.

inflamm., chronic, ther., hyaluronidase, streptodornase
& streptokinase (Hun))

(UTERUS, dis.

inflamm. of periuterine connective tissue, chronic,
ther., hyaluronidase, streptodornase & streptokinase
(Hun))

(HYALURONIDASE, ther. use

inflamm. of adnexa uteri & periuterine connective
tissue, chronic (Hun))

(STREPTODORNASE AND STREPTOKINASE, ther. use
name))

KOVACS, Tibor, Dr.

The place of colposcopy and localized biopsy in the early diagnosis of
portico carcinoma. Magy. noorv. lap. 21 no.2:93-101 Apr 58.

l. Debreceni Orvostudomanyi Egyetem Szuleeszeti es Nogyogy aszati Klin-
ikaijanak kozlemeine (Igazgato: Arvay Sandor dr. Egy. tanar)

(CERVIX NEOPLASMS, diag.

colposcopy & localized biopsy in early diag. of portio
cancer (Hun))

(ENDOSCOPY

colposcopy in early diag. of portio cancer (Hun))

KOVACS, Tibor, dr.

Perforated abscess of the uterine adnexa causing peritonitis.
Magy.noorv.lap. 21 no.1:48-51 Ja '60.

1. A Pest Megyei Tanacs Semmelweis Korhaza (igazgato: Szemantsik
Jeno dr.) Szuleeszeti es Nogyogyaszati Osztalyanak (foorvos:
Schilling Bela dr.) kozlemenye.

(ADNEXA UTERI dis)
(PERITONITIS etiol)
(ABSCESS compl)

KOVACS, Tibor, dr.

Modern view of the early detection and prevention of collum carcinoma.
Magy. orovv. lap. 24 no.6:366-375 N '61.

1. A Debreceni Orvostudomanyi Egyetem Szuleeszeti es Nogyogyaszati
Klinikajának kozlemenye (Igazgató: Arvay Sandor dr. egy. tanar)

(CERVIX NEOPLASMS prev & control)

HUNGARY

PAPP, Miklos, Dr., KOVACS, T. Mariann, technical assistant; MTA [Magyar Tudomanyos Akademia -- Hungarian Academy of Sciences] Experimental Medical Research Institute, Department of Pathological Physiology (Kiserleti Urvostudomanyi Kutatointezete, Korelettani Osztaly).

"Examination of the Lymph Vessels of the Kidney After Closure of the Ureter."

Budapest, Orvosi Hetilap, Vol 103, No 45, 11 Nov 62, pages 2123-2125.

Abstract: The authors discuss experiments conducted on concentrating and diuretic dogs with normal and enervated kidneys. Lymph was collected with polyethylene canules from the hilus or cortex before and after closure of the ureter. The enervated kidney showed an increase in lymph volume after closure while the others showed no significant change. After closure of the ureter, the lymph showed no hyperosmotic pressure relative to plasma even in the presence of concentrated urines. The protein content of the lymph decreased after closure in all cases. A detailed discussion follows the experimental description.
[Of 22 references, about half are Hungarian, the rest Western]

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1/1

HUNGARY

VAROA, E.; KOVER, A.; KOVACS, T.; JOKAY, I.; SZILAGYI, T.; Medical University of Debrecen, Institute of Physiology and Pathology (Debreceni Orvostudomanyi Egyetemi és Korelettani Intézet)

"Differentiation of Myosins Extracted From Tonic and Tetanic Muscles Based on Their Antigenic Properties."

Budapest, Kiserleti Orvostudomány, Vol XIV, No 6, 1962, pp 593-599.

Abstract: [Authors' summary] Based on immunological determinations, the authors concluded that

1. myosin is a class-specific antigen,
2. the myosin which exhibits a relatively high cholinesterase and a low adenosinetriphosphatase activity and is obtained from tonic muscles had a structure different from that of the myosin obtained from tetanic muscles.

[Of 25 references, about 9 are Soviet-bloc, 16 Western]

1/1

VARGA, E.; KOVER, A.; KOVACS, T.; JOKAY, I.; SZILAGYI, T.

Differentiation of myosins extracted from tonic and tetanic muscles on
the basis of their antigenic properties. Acta physiol. acad. sci. hung.
22 no.1:21-28 '62.

1. Institute of Physiology and Institute of Pathophysiology, Medical
University, Debrecen.

(ADENOSINE TRIPHOSPHATASE) (ANTIGENS) (MUSCLES)

VARGA, E.; KOVER, A.; KOVACS, T.; SZABOLCS, M.; JOKAY, I.

The myoceil structure of the different types of muscle. Acta physiol.
acad. sci. hung. 22 no.2:119-123 '62.

1. Institute of Physiology, Central Research Laboratory, Institute of
Pathophysiology, Medical University, Debrecen.
(ADENOSINE TRIPHOSPHATE) (MUSCLES)

SZALONTAI, Sander, dr.; BALINT, Terezia, dr.; KOVACS, Tibor, dr.

Idiopathic thrombopenic purpura and pregnancy. Orv. hetil. 103 no.47:
2234-2235 25 N '62.

1. Pest megyei Tanacs Semmelweis Korhaz, II. Belosztaly.
(PURPURA, THROMBOPENIC) (PREGNANCY COMPLICATIONS)

VARGA, Emil; KOVER, Andras; KOVACS, Tibor; SZABOLCS, Marton; JOKAY, Istvan

Some new data on the myosin structure of muscles of various types of
muscles. Kiserl. orvostud. 15 no.1:46-50 F '63.

1. Debreceni Orvostudomanyi Egyetem Elattani Intezete, Kozponti Kutato
Laboratoriuma es Korelettani Intezet.
(MUSCLES) (ADENOSINE TRIPHOSPHATASE)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

HALASZ, Istvan (Veresegyhaza); GEREI, Mihaly (Budapest); VALKO, Istvan
(Budapest); BALLA, Janos (Debrecen); KOVACS, Tibor (Budapest)

Forum of the innovators. Ujít lap 15 no. 3:30 10 F '63.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

HUNGARY

SZOOR, Arpad, KOVER, Andras, KOVACS, Tibor; Medical University of Debrecen, Institute of Physiology (Debreceni Orvostudomanyi Egyetem, Elettani Intezet).

"Preparation of True Cholinesterase From the Striated Muscle of the Rabbit."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol XXIII, No 4, 1963, pages 333-337.

Abstract: [English article, authors' English summary] Myosin-free cholinesterase has been prepared from the striated muscle of rabbits. The overall purification was about 20-fold. As regards substrate specificity and substrate inhibition, the purified preparation belongs to the group of true cholinesterases. 12 Western, 5 Eastern European references.

1/1

Use of "Trypsimusc" (intramuscular trypsin) in inflammation of the peri-uterine tissue and the adnexa uteri. Magy.noerv.lap. 27 no.1:43-46 J '64.

1. A Pestmegyei Tanacs Semmelweis Korhaza (igazgato: Szemontsik Jeno dr.) szüleszeti es nögyogyszati osztalyanak (főorvos: Schilling Bela dr.) közlemenye.

LORAND, Sander, dr.; CZIKK, Janos, dr.; KOVACS, Tibor, dr.; NYITRAY,
Gyula) dr.

Quantitative measuring of labor pains by tocometry as a routine
examination method. Orv. hetil. 106 no.15:681-686 11 Ap '65

1. Fevarosi IV. ker. Tanacs Arpad Korhaz, Szuleszti Osztaly.

KOVACS, Timasne, eloado

Power consumption of the national economy. Stat szamla 41 no.12;
1063-1072 D '63.

1. Central Statistical Office, Budapest.

PORA, Eugen A.; SCHWARTZ, A.[deceased]; MADAR, I.; GHIRCOLIASU, M.; KIS, Z.;
FELSZEGHY, E.; ABRAHAM, A.; KOVACS, V.

Action of insulin and vitamin B₂ on the metabolic processes of the isolated diaphragm of rat. Studii cerc biol anim 12 no.3:381-393 '61.

1. Catedrale de fiziologie animala si biochimie de la Universitatea "Babes-Bolyai", Cluj. 2. Membru corespondent al Academiei R.P.R. (for Pora).

CHIRICUTA, I. FLESZEGHY, E.; KOVACS, V.; PAPILIAN, C.

Influence of burns on the amino acid metabolism in rats. Pt.2.
Studia Univ B-B S Chem 8 no.1:391-393 '63

1. Oncologic Institute, Cluj, and "Babes-Bolyai" University,
Cluj.

SZANTAI, I.; URAY, Z.; FARCASANU, M.; KOVACS, V.

Utilization of ion exchange resins and radiochromatography in
biological chemistry research. Pts. 1-2. Studia Univ B-B S
Chem 8 no.1:395-406 '63

1. Section of Nuclear Medicine, Cluj and "Babes-Bolyai"
University, Cluj.

PORA, Eugen A., acad.; GHIRCOIASIU, Maria; KOVACS, Valeria; FLOCA, Liviu

Tegumentary excretion of sulfur in vertebrates. Studii biol
Cluj 14 no.1:99-105 '63.

L. Chair of Animal Physiology and Biochemistry, "Babes-Bolyai"
University, Cluj.

KOVACS, Vendel, dr.

The role of automobile drivers in reducing the irregularities caused by horse-drawn vehicles. Auto motor 14 no.13:25 Jl '61.

1. Legfabb Ugyeszseg Kozlekedesi Csoportjanak vezetoje.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

KOVACS, Vendel, Dr.

Dispositions of the new ~~Criminal Code~~ concerning automobile
drivers. Auto motor 15 no. 2:27 Ja '62.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

KOVACS, Vendel, dr.

A drunk, a killing-maniac driver behind the steering wheel; as seen by the prosecutor. Auto motor 16 no. 7:24 6 Ap '63.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

KOVACS, Vendel, dr.

Crimes committed in railroad service and the new Criminal Code.
Volut 12 pp. 8:24-3 of cover 25 Ag '62.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

KOVACS, Vendel, dr.

What to do before railroad crossings? Auto motor 16 no.12:
24 21 Je '63.

KOVACS, Vandal, dr.;

Traffic accidents as seen by a prosecutor. Auto motor 17
no. 8:26 21 Ap '64.

KOVACS, Vendel, dr.

Driving is not permitted for those whose health is unfit
for safe driving. Auto motor 17 no.23;24 6 D '64.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

KOVACS, Vendel, dr.

The right-hand traffic rule. Auto motor 18 no. 2326 21 Ja '65.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

SZANTAI, I.; WRAY, Z.; KOVACS, V.

Observations relating to the isotopic exchange between iodated amino acids and ^{131}I on chromatographic paper. Studii cerc biochimie & no.1:81-83 '65.

1. Section of Nuclear Medicine, Medicopharmaceutical Institute, Cluj. Submitted October 20, 1964.

KOVACS, Vilmos

Preparing epoxy resin foundry patterns and wax pattern moulds for precision casting. Koh lap 95 no.11; Suppl: Ontode 13 no.11:255-264 N '62.

4
LANG, Karoly; MALCSINER, Jozsef; NEMETH, Janos; VERTES, Sandor;
ARANYI; KOVACS Vilmos; TRAJKOVICS, Jozsef; NEMETH, Gyorgy;
RACZ, Ottó; PFISZTER, Janos

Plastic pattern production in the Csepel Iron and Steel
Foundries. Koh lap 97 no. 2:Suppl.:Ontode 15 no. 2:39-45
F '64.

1. Csepel Iron and Steel Foundries, Budapest (for Lang, Malcsiner
and Racz). 2. Ganz-Mavag (for Janos Nemeth, Vertes and Aranyi).

SZABO, Arpad, dr.; KOVACS, Vince, dr.

Disseminated cavernous hemangioma. Orv. hetil. 105 no. 28 t 1322-
1324 12 Jl '64

I. Fovarosi Birosagi Orvosi Iroda es Budapesti Orvostudomanyi
Egyetem, Igazsagugyi Orvostani Intezet.

SZABO, Arpad, dr.; KOVACS, Vince, dr.

Heart lesions due to cardiac massage. Orv. hetil. 103 no.6:
253-256 11F '62.

1. Fovarosi Birosagi Orvosok es Budapesti Orvostudomanyi Egyetem,
Igazsagugyi Orvostani Intezet.
(RESUSCITATION) (HEART pathol)

SZABO, Arpad, dr.; KOVACS, Vince, dr.

Heart massage — ablatio epicardii. Orv. hetil. 105 no.11:
514-515 15 Nr. 64.

1. Fovarosi Birosagi Orvosi Iroda es Budapesti Orvostudomanyi
Egyetem, Igazsagugyi Orvostani Intezet.

*

EPEEJESSY, Ana; FESZT, T.; GHERGYAY, F.; KISS, A.; KOVACS, Viorica

Research on experimental encephalopathy. Pt.14. Comunicarile
AR 13 no.11: 1003-1007 N°63.

1. Baza de cercetari stiintifice din Tg.-Mures a Academiei
R.P.R.. Comunicare prezentata de academician D.Miskolczy.

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: Department of Surgical Anatomy-Medicine (Catedra de Anatomie-Medicina Operatorie), Tg. Mures; Department Head: Tiberiu MAROS, -Conf.-, and Department of Analytical Chemistry (Catedra de Chimie-Analitica), Tg. Mures; Department Head: Paul SOOS, -Conf.-, of the Medico-Pharmaceutical Institute (Institutul Medico-Farmacologic), Tg. Mures.

Source: Bucharest, Igienea, Vol IX, No 4, Sep-Oct 1961, pp 333-337.

Data: "A Stimulating Factor of Hepatitic Regeneration in a Coal Mine."

Authors:

MAROS, Tiberiu, -Conf.- (lecturer)
CSIKY, Niccolae, -Dr.-
FEJER, Ladislau, -Dr.-
IDVACS, Virginia Vilma, -Dr.-
BLAZSER, Agneta, -Chemist.-
KATONAI, Béla, -Dr.-

CFO 981643

MAROS, Tiberiu, prof.; KATONAI, Bela, dr.; KOVACS, Virginia, dr.

Research on the influence of some antibiotics on the regenerative capacity of the hepatic parenchyma. Med. intern.
(Bucur.) 10 no.5: 601-604 My'64

1. Lucrare efectuata la Catedra de anatomie si medicina operatorie I.M.F. [Institutul medico-farmaceutic], Tîrgu Mureş.

MAROS, Tibor; KOVACS, V. Ibolya; SERES-STURM, Lajos; CSIKY, Miklos

Comparative studies on liver-regeneration properties of certain
liver-protective drugs. Kiserletes Orvostud. 12 no.2:182-188
Ap '60.

1. A Marosvasarhelyi Orvostudomanyi es Gyogyszerezeti Felsoktatasi
Intezet: Anatomiai es Sebeszeti Mutattani Tanszeke.
(LIVER physiol.)
(REGENERATION)

MAROS, Tibor; KATONAI, Bela; KOVACS, V. Ibolya

Effect of aqueous extracts of *Melilotus officinalis* on the regenerating liver. Kiserl. orvostud. 14 no.3:314-320 Je '62.

1. Marosvasarhelyi (Tirgu-Mures, R.N.K.), Orvosi es Gyogyszerezeti Intezet Anatomiai es Sebeszeti Mutettani Tanszeke.
(LIVER pharmacol) (REGENERATION pharmacol)
(PLANTS MEDICINAL extracts)

KOVACS, Z.

Lower-cost irrigation-canal linings. p. 243. Vol. 38, no. 2, 1956.
VIZUGYI KOZLEMENYEK. HYDRAULIC ENGINEERING, Budapest.

SOURCE: East European List, (EEAL) Library of Congress. Vol. 6, no. 1,
January, 1956.

KOVACS, Z.

Hydrologic factors regulating sediment transportation; a review of an article.

p. 292. (Vizsgyi Kozlemenyek, Hydraulic Engineering. Vol. (3) no. 3, 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EFAI) LC. Vol..7, no. 2,
February 1958

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

KOVACS, Zoltan

SSB transmitter for 14 MHz. Radiotechnika 10
no.111-13. Ja '60.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

KOVACS, Zoltan

A modern antenna change-over switch. Radiotekhnika 11 no. 1:ll Ja '61.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

KOVACS, Zoltan

SSB transmitter for 14 MHz. Radiotechnika 10 no.2:41-43 F '60.

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

KOVACS, Zoltan, dr.; LOMB, Frigyes

Electric accidents in Hungary in 1958-1961. Elektrotehnika 55
no.12:571-573 D '62.

1. Kozponti Nepi Ellenerzo Bizottsag (for Kovacs). 2. Erosaramu
Gyartmanyfejlesztesi Intezet (for Lomb).

KOVACS, Zoltan

Hydrologic factors regulating sediment transportation.
Vizugyi kozl no. 3:292-296 '57.

KOVACS, Zoltan

Programming of enterprises. Epites szemle 7 no.10:318-321 '63.

1. KOMEPE Muszaki Osztalyanak vezetöje.

HEVESVARI, Imre; KALI, Lajos; KOVACS, Zoltan; SZUNGYOGH, Zoltan;
VARGHA, Jeno

Migratory labor in Borsod County. Borsod szemle 8 no.5;
40-50 '64.

CA

Glutathione and ascorbic acid. Zoltán Kovács (Univ. Budapest, Hungary). Magyar Biológiai Szemle 16, 338-356 (1948); cf. C.I. 37, 4134. — Glutathione and ascorbic acid in the organism are members of an oxidation-reduction system. The former plays a significant role in O₂ exchange of tissues and lungs, mediating between air and hemoglobin of red blood corpuscles in lungs and between hemoglobin and cells in tissues. This fact can explain the increased glutathione in blood in acute anemia or in other cases where tissues are deficient in O₂ owing to diseases of circulation organs. Investigations *in vitro* proved that the phagocytic capacity of leukocytes strongly increased under the effect of glutathione plus ascorbic acid. Expts. on rabbits affirmed that leukocytes also increased on dosage of glutathione plus ascorbic acid. Various bacteria showed no multiplication in the presence of such doses. Glutathione seemed to neutralize totally or partially toxins of diphtheria or tetanus during incubation for 24 hrs. Expts. on white mice and guinea pigs showed that injection of toxins not treated in this manner was lethal. Dosage of glutathione plus ascorbic acid significantly lengthened the life periods of animals infected by untreated toxins when compared to the life periods of such animals which obtained one of the factors only. Injection of incubated toxins had no toxic effects.

István Finály

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ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION 1A										SECTION 1B										SECTION 1C									
G	S	M	A	T	T	L	U	R	G	G	E	N	T	O	M	E	N	T	G	G	E	N	T	O	M	E	N	T	G
U	N	D	Y	H	E	C	P	R	U	U	N	D	Y	H	E	C	P	R	U	U	N	Y	H	E	C	P	R	U	U
N	Y	H	E	C	P	R	U	U	N	N	Y	H	E	C	P	R	U	U	N	N	Y	H	E	C	P	R	U	U	
Y	H	E	C	P	R	U	U	N	Y	Y	H	E	C	P	R	U	U	N	Y	Y	H	E	C	P	R	U	U		
G	S	M	A	T	T	L	U	R	G	G	E	N	T	O	M	E	N	T	G	G	E	N	T	O	M	E	N	T	G
U	N	D	Y	H	E	C	P	R	U	U	N	D	Y	H	E	C	P	R	U	U	N	Y	H	E	C	P	R	U	U
N	Y	H	E	C	P	R	U	U	N	N	Y	H	E	C	P	R	U	U	N	N	Y	H	E	C	P	R	U	U	
Y	H	E	C	P	R	U	U	N	Y	Y	H	E	C	P	R	U	U	N	Y	Y	H	E	C	P	R	U	U		

KOVACS, Z.

Hungarian Technical Abst.
Vol. 6 No. 1
1954

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547-962-9-136-686-542-057

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pp.

3. The biuret reaction of protein. I. Investigation of the copper complex of gelatin - A. Ichirók Iseakeiijiro, J. A. esetlen: *szekrényplexben viszonylatosan* Nyilasi and Z. Kovács. (*Hungarian Journal of Chemistry* - *Magyar Termal Polyoval* - Vol. 59, 1953, No. 33-35, 2 figs., 2 tabs.)

The influence of alkaline compounds on the rate of hydrolysis and racemization of the biuret complex of gelatin was investigated. Considering the rate of desamination, it was found that more ammonia was liberated from the copper-containing mixtures than from solutions not containing copper which was probably due, in the former case, to the partial desamination of the glycine present. By comparing the desamination rate and the data obtained on free amino acids by paper chromatography it was evident that the biuret complex is more resistant to alkaline hydrolysis than the free protein itself. By the application of microbiological methods it was established that under experimental conditions the amino acids of the biuret complex do not undergo racemization. In the application of the *Rising* theory the following interpretation was advanced: the emulsion of the $\text{--CH}(\text{R})\text{--CO}$ bond is prevented by the formation of the complex; hence the racemization of the amino acid members is also checked. Ny.

KOVACH, Z.

Hungarian Technical Abst.
Vol. 6 No. 1
1954

(3) Photo

547.961.0001-4 : 547.961.0001-5
16. Investigations on the chemical structure
of collagen and of gelatin for photographic emulsions
A kollagén és a fotószeláj kémiai szerkezeti
vizsgálatai - Gy. Gróh, J. Nyilasi and Z. Rózsa. (Hungarian
Journal of Chemistry - Magyar Kémiai Folyóirat
- Vol. 59, 1953, No. 2, pp. 54-57, 2 tabs.)

In connection with the experiments conducted for
the preparation of gelatin for photographic emulsions,
the question arose whether the peptide linkages of the
skin tissues are enolized by the alkaline treatment during
the processing as it was assumed by Dakin and collabs.
In the case of alkaline-treated peptides. Experiments
yielded the following results: (1) Racemization occurred
in peptized collagen as an effect of sodium hydroxide
treatment. On the contrary there was no such effect if
lime was used although the pH of the solution was
almost identical. (2) The enolic character of the peptide
linkages presumably remains unaltered in gelatin obtained
by the sodium hydroxide treatment of collagen. (3) The
gelling power and viscosity values are higher in gelatin
obtained by the sodium hydroxide treatment than in
the product prepared by the lime process.

Dak. 1-1

KOVACS, Z

28. Blüret reaction of proteins. II. Studies on the copper complexes of edestin — I. Inhibition of the β -edestin by β -lactam antibiotics. — J. Nyíri
and Z. Kovács. (Hungarian Journal of Chemistry. — Mayer Közlemény Polyclinic — Vol. 39, 1993, No. 3, pp. 129-131, 2 figs, 1 tab.)

In investigating the rate of liberation of ammonia and of amino groups in the case of edestin and the edestin copper complex (using alkaline hydroxide) it was found that the complex is more resistant to this reaction than the pure protein itself. The liberated imine groups were determined by paper chromatography and the results led to the same conclusion. The formation of the protein-copper complex apparently inhibits the β -edestin (β -galactosidase) respectively racemization of the different amino acids. In the case of edestin in analogy with earlier experiments carried out with β -lactam. These findings correspond with the deductions of King, Fisher and Peacock concerning the structure of the Blüret complex.

J. Nyíri

KOVACS, Zoltan, dr.

Dental aspects of rickets. Gyermekgyogyaszat 7 no.7;198-201
July 56.

l. Kozlemeny a Budapesti Orvostud. Egyetem Stomatol. Klinikajarol
(Igaz. Balogh, Karoly, dr. egyetemi tonar, az orvostudom. doktora)
(RICKETS, compl.

dental lesions, prev. (Hun))

(TEETH, dis.

lesions in rickets, prev. (Hun))

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9

SZABO, L.; KOVACS, Z.; EBREY, P.B.

Crigler-Najjar's Syndrome. Acta paediat. acad. sci. Hung. 3 no.1
49-70 '62.

1. Department of Paediatrics, University of Medical School, Szeged.
(KERNICTERUS case reports)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000825510010-9"

DUX, Erno, dr.; KOVACS, Zoltan, dr.; GIMESY, Ferenc, dr.

Data on the problem of humoral regulation of thrombopoiesis (Studies in connection with thrombopenia arising after exchange transfusion in newborn infants). Orv. hetil. 103 no.5:196-204 F '62.

1. Szegedi Orvostudomanyi Egyetem, Gyermekklinika.

(BLOOD TRANSFUSION in inf. & child.)
(ERYTHROBLASTOSIS FETAL therapy)
(THROMBOOPENIA in inf. & child.)

SZABO, Lajos, dr.; KOVACS, Zoltan, dr.; EBREY, Piroska, dr.

2 cases of Criger-Najjar disease (icterus anhaemolyticus congenitus).
Orv. hetil. 103 no.52:2469-2474 30 D '62.

1. Szegedi Orvostudomanyi Egyetem, Gyermekklinika.
(JAUNDICE NEONATAL) (PREDNISONE) (BILIRUBIN)

TOROK, Janos, dr., TURAY, Pal, dr.; KOVACS, Zoltan, dr.

Clinical aspects of citric acid metabolism. Orv. hetil. 104 no.6:
242-246 10 F '63.

1. Szegedi Orvostudomanyi Egyetem, Gyermekklinika.
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